

**Notice of Allowability****Application No.**

10/060,020

**Applicant(s)**

SUMNER ET AL.

**Examiner**

DUC C. HO

**Art Unit**

2419

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 08-07-08.
2. ☒ The allowed claim(s) is/are 1, 21, 5, 7-16, and 19-20. Renumbered 1-15.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 12-16-08.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

### EXAMINER 'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John V. Hobgood on 12-12-08.

The application has been amended as follows:

In the claims:

Claim 1, line 1, after "separate", insert --- wireless ---.

Claim 1, line 8, after "to", insert --- an authorizing entity of ---.

Claim 1, line 12, change "the WLAN" to --- the at least one WLAN ---.

Claim 5, line 7, change "list by the wireless device relating access information to" to --- list with wireless device by the control point relating access information to an authorizing entity of ---.

Claim 7 (Currently Amended) A method comprising:  
identifying a wireless device and at least one wireless local area network (WLAN) from a list of WLANs not presently communicating with the wireless device from a control point of a separate wireless wide area network;  
providing identifying information of the at least one WLAN of the list of WLANs to the wireless device from a control point of a separate wireless wide area network;

conveying access information from the control point via the separate wireless wide area network to the wireless device sufficient to enable the wireless device to communicate with at least one of the WLANs of the list of WLANs, the separate wireless wide area network and WLANs being different networks, wherein the conveying access information via the separate wireless wide area network includes conveying access information via a narrowband paging network; and relating the access information by the wireless device to a control point of the at least one of the WLANs to authorize the wireless device to utilize a service through the at least one of the WLANs, the access information including one or more of frequency, modulation, a server set identifier, and an identifier portion of a MAC address.

Claim 15 (Currently Amended) A system comprising:

a first information identifier identifying at least one wireless local area network (WLAN) for a wireless data device from a list of WLANs from a separate wireless wide area network control point;

a second information identifier identifying access information for the at least one of the WLANs on the list from the separate wireless wide area network via a narrowband paging network, the separate wireless wide area network and WLANs on the list being different networks;

an information relater relating the access information to an authorizing entity of the at least one WLAN, the access information including one or more of frequency, modulation, a server set identifier, and an identifier portion of a MAC address; and

a connection establisher establishing, based on the access information, a connection between the wireless data device and the at least one WLAN.

Claim 19 (Currently Amended) Apparatus comprising:

a first information identification mechanism identifying at least one wireless local area network (WLAN) for a wireless data device from a list of WLANs from a separate wireless wide area network control point;

a second information identification mechanism identifying access information for the at least one of the WLAN on the list from the separate wireless wide area network via a narrowband paging network, the separate wireless wide area network and WLANs on the list being different networks;

an information relating mechanism relating the access information to an authorizing entity of the at least one WLAN, the access information including one or more of frequency, modulation, a server set identifier, and an identifier portion of a MAC address; and

a connection establishing mechanism establishing, based on the access information, a connection between the wireless data device and the at least one WLAN.

Claim 20 (Currently Amended) A computer readable medium encoded with a set of instructions when executed by a computer system, the set of instructions causing the computer system to:

identify and obtain from a separate wireless wide area network control point a list of wireless local area networks (WLANs);

identify and obtain access information for at least one of the WLANs on the list from the separate wireless network via a narrowband paging network, the separate wireless network and the WLANs on the list being different networks;

relate the access information to an authorizing entity of the at least one WLAN, the access information including one or more of frequency, modulation, a server set identifier, and an identifier portion of a MAC address; and based on the access information, establish a connection between a wireless data device and the at least one WLAN.

***Reason for Allowance***

2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claims 1, 5, and 21, the prior art fails to teach or suggest a method comprising the steps of identifying and obtaining from a separate wireless wide area network (WWAN) control point a list of wireless local area networks (WLANs), the WWAN and WLANs on the list being different networks; relating the access information to an authorizing entity of the at least one WLAN from the wireless device, the access information including one or more frequency, modulation, a server set identifier, and an identifier portion of a MAC address, in combination with other limitations, as specified in the independent claims 1, and 5.

Regarding claims 7-14, the prior art fails to teach or suggest a method comprising identifying a wireless device and at least one wireless local area network (WLAN) from a list of WLANs not presently communicating with the wireless device from a control point of a separate wireless wide area network; conveying access information via the separate wireless wide area network includes conveying access information via a narrowband paging network; and relating the access information by the wireless device to a control point of the at least one of the WLANs to authorize the wireless device to utilize a service through the at least one of the WLANs, the

access information including one or more of frequency, modulation, a server set identifier, and an identifier portion of a MAC address, in combination with other limitations, as specified in the independent claim 7.

Regarding claims 15-16, and 19-20, the prior art fails to teach or suggest a system comprising: a first information identifier identifying at least one wireless local area network (WLAN) for a wireless data device from a list of WLANs from a separate wireless wide area network control point; a second information identifier identifying access information for the at least one of the WLANs on the list from the separate wireless wide area network via a narrowband paging network, the separate wireless wide area network and WLANs on the list being different networks; an information relater relating the access information to an authorizing entity of the at least one WLAN, the access information including one or more of frequency, modulation, a server set identifier, and an identifier portion of a MAC address, in combination with other limitations, as specified in the independent claims 15, 19, and 20.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc Ho whose telephone number is (571) 272-3147. The examiner can normally be reached on Monday through Thursday from 7:30 am to 6:00 pm.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel, can be reached on (571) 272-2988.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner

/DUC C HO/

Primary Examiner, Art Unit 2419

12-16-08